

PATENT APPLICATION
Navy Case No.: 82,942

REMARKS

Claims 7-20 and 35-45 are pending in the application. No claims are currently allowed.

Claims 7, 13, 35, and 39 have been amended to change " $n \geq 0$ " to " $n > 0$ ".

Claim Rejections – 35 U.S.C. § 102

The Examiner rejected claims 7-11, 13-19, and 35-45 as anticipated by Homrighausen et al., "Silarylene-Siloxane-Diacetylene Polymers as Precursors to High Temperature Elastomers," *Polymeric Materials: Science and Engineering*, 83, 9 (2000), stating that the polymer shown in Scheme 1 of Homrighausen reads on the present claims when $n=0$.

Claims 7 (8-11 dependent thereon), 13 (14-19 dependent thereon), 35 (36-38 dependent thereon), and 39 (40-45 dependent thereon) have been amended so that n is greater than 0. When n is positive, the claimed structures differ from that disclosed in Homrighausen in that there are no adjacent pairs of siloxane groups.

The Examiner objected to claims 12 and 20 as dependent on base rejected claims. In light of this amendment, the objection is moot.

In view of the foregoing, it is submitted that the application is now in condition for allowance.

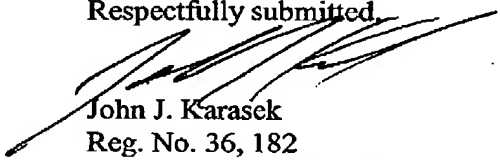
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Respectfully submitted,


John J. Karasek

Reg. No. 36, 182

Phone No. 202-404-1552

Associate Counsel (Patents)

Naval Research Laboratory

4555 Overlook Ave, SW

Washington, DC 20375-5325

Prepared by:

Joseph T. Grunkemeyer

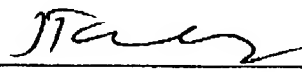
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